Department of the Navy & the Environment
- Challenges & Opportunities -

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Deputy Assistant Secretary of the Navy

For Environment

The Context

- **DoN Transformation**
  - New threats
  - Weapon systems
  - Management systems
- **Environmental landscape**
  - Wide support for “environmental protection” in US and developed countries
  - Increased scrutiny of military activities
  - Tighter environmental standards
  - Need to build partnerships with agencies and communities

Our Challenges

- **Sustain land/sea ranges**
- **Achieve and maintain compliance while transforming bases, equipment and operations**
- **Reduce long term environmental costs and liabilities**
- **Communicate and share our activities with the public**

2004 Environmental Priorities

- **Protect land/sea range capability that is vital to readiness and training**
- **Achieve environmental goals while ensuring compatibility with national security missions**
- **Improve Environmental Business Processes**

Meeting the Challenge

- Thrust Areas & Actions -

- Measure & report impacts
- Refine laws/regulations to accommodate mission

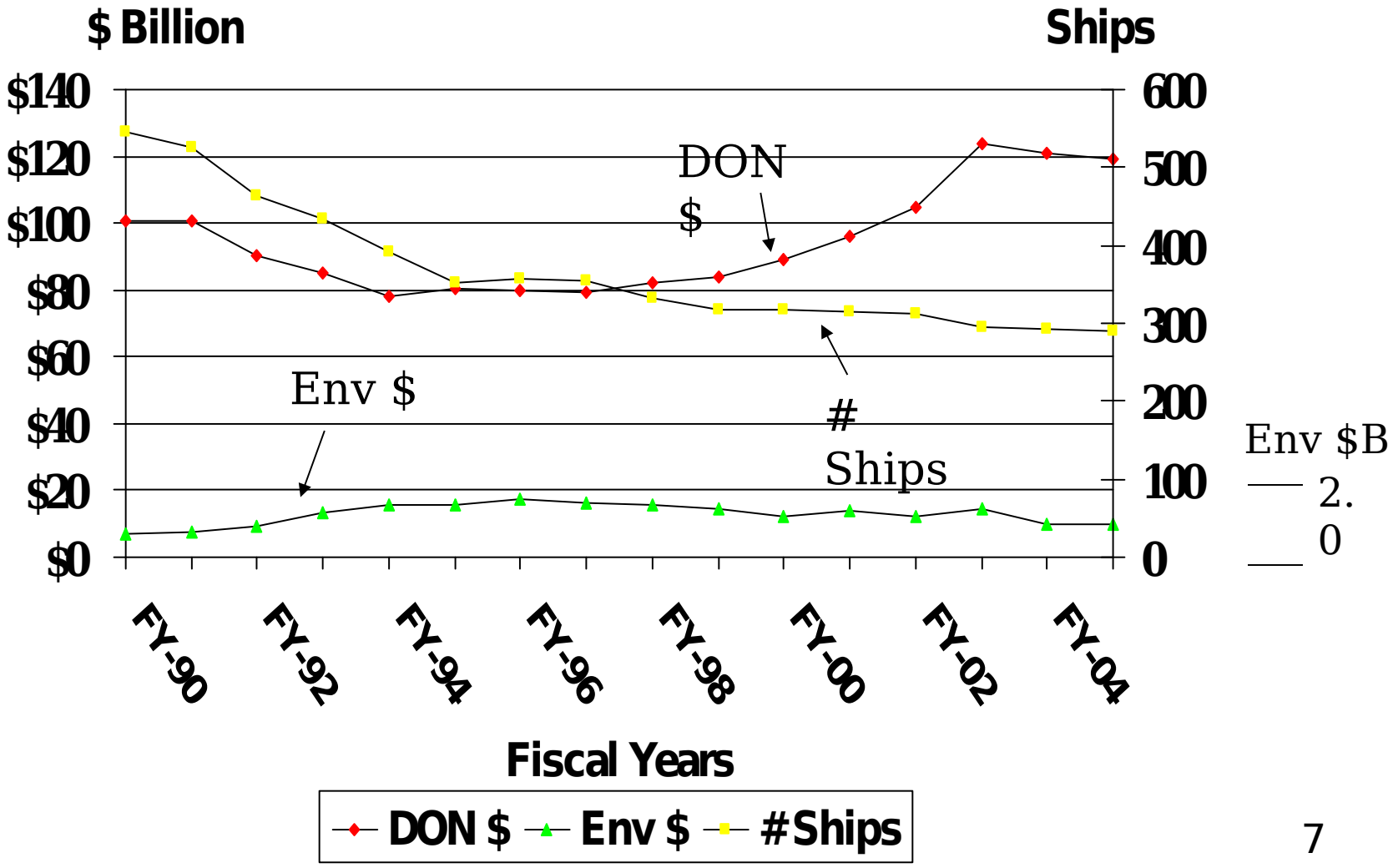
- Increase compliance
- Reduce costs
- Improve efficiency

- Engage stakeholders
- Change perceptions & challenge misinformation

DoN Program - Elements

- **Environmental Restoration**
  - Cleaning up from past practices
- **Compliance**
  - Adherence to regulations, emission limits & standards
- **Pollution Prevention**
  - Eliminating pollution at the source
- **Natural Resources**
  - Management of natural resources on bases
- **Planning & Operational Issues**
  - National Environmental Policy Act considerations
- **Environmental Technology**
  - Finding better, cheaper, faster methods

Department of Navy Trends



DoN Program – FY05 Budget

($ M)

- **Environmental Quality** 592
  - Compliance
  - Conservation
  - Pollution Prevention
- **Environmental Technology** 39
- **Environmental Restoration** 267
- **BRAC Environmental** 102
- **Kaho'olawe Restoration** 0

TOTAL ENVIRONMENTAL **1,000**

Program Successes

- **Range & Readiness Initiatives**
  - MMPA, MBTA, ESA, range buffers
- **Shipboard pollution prevention**
  - HAZMIN, SW, UNDS
- **Environmental restoration**
- **Reduction of hazardous waste**
- **Overhaul of environmental planning policies**

Summary

- **DoN has an aggressive environmental protection program**
- **It's not well known by the public…we need to better trumpet our successes**
- **Challenges provide opportunities to better integrate national defense and environmental protection in a harmonious manner**

Department of Navy Environmental Program

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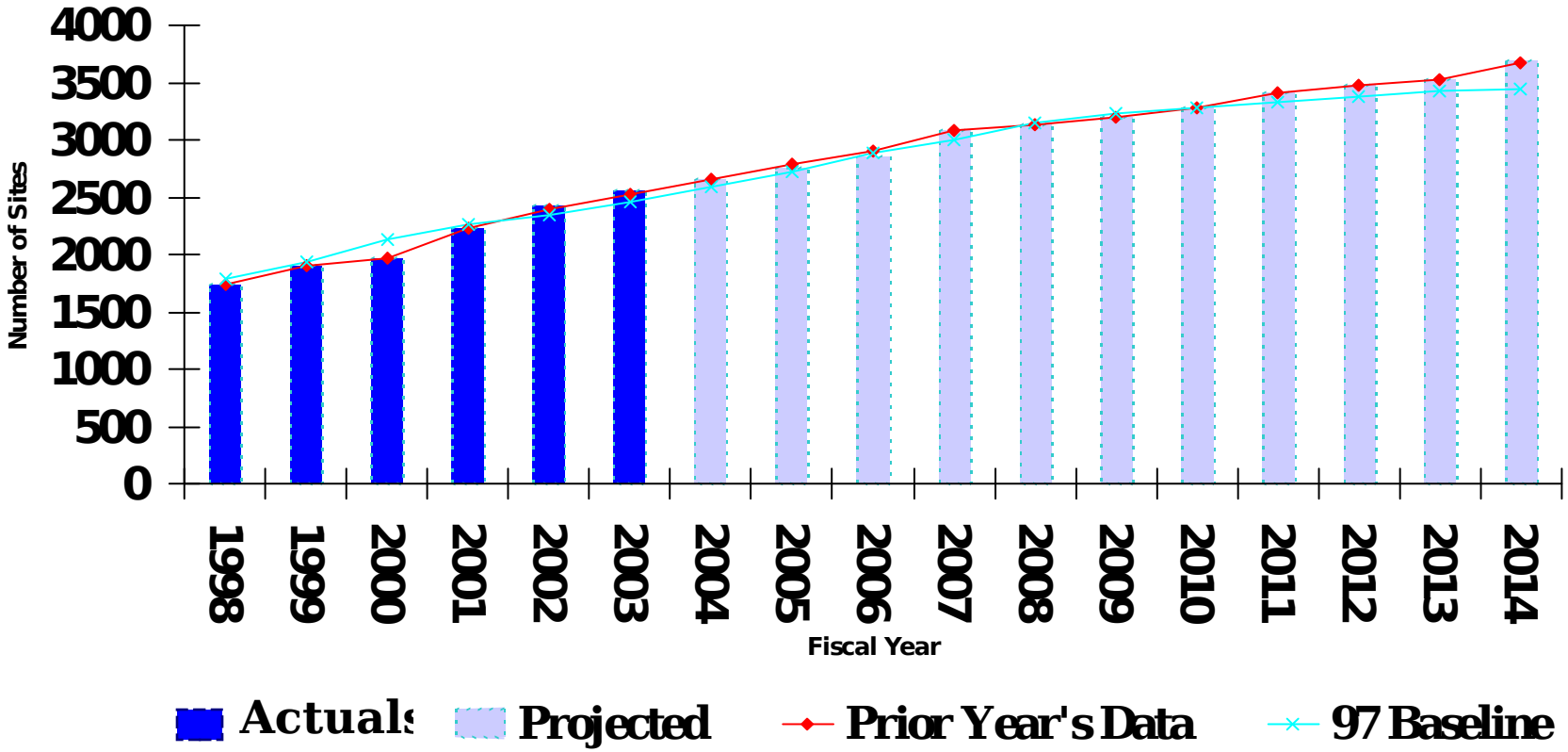
Environmental Restoration
Active, BRAC & Munitions sites

- **Status**
  - Beat FY02 Defense goal and FY02/03 targets
  - Stable funding & focus on new technologies
- **Emphasis Areas**
  - Post-ROD streamlining
  - RCRA/CERCLA Overlap fix
  - CTC Reduction Goals…8%-2%-2% over 3 yrs
  - BRAC 05 Transformation

SITES ACHIEVING RIP/RC

Active bases

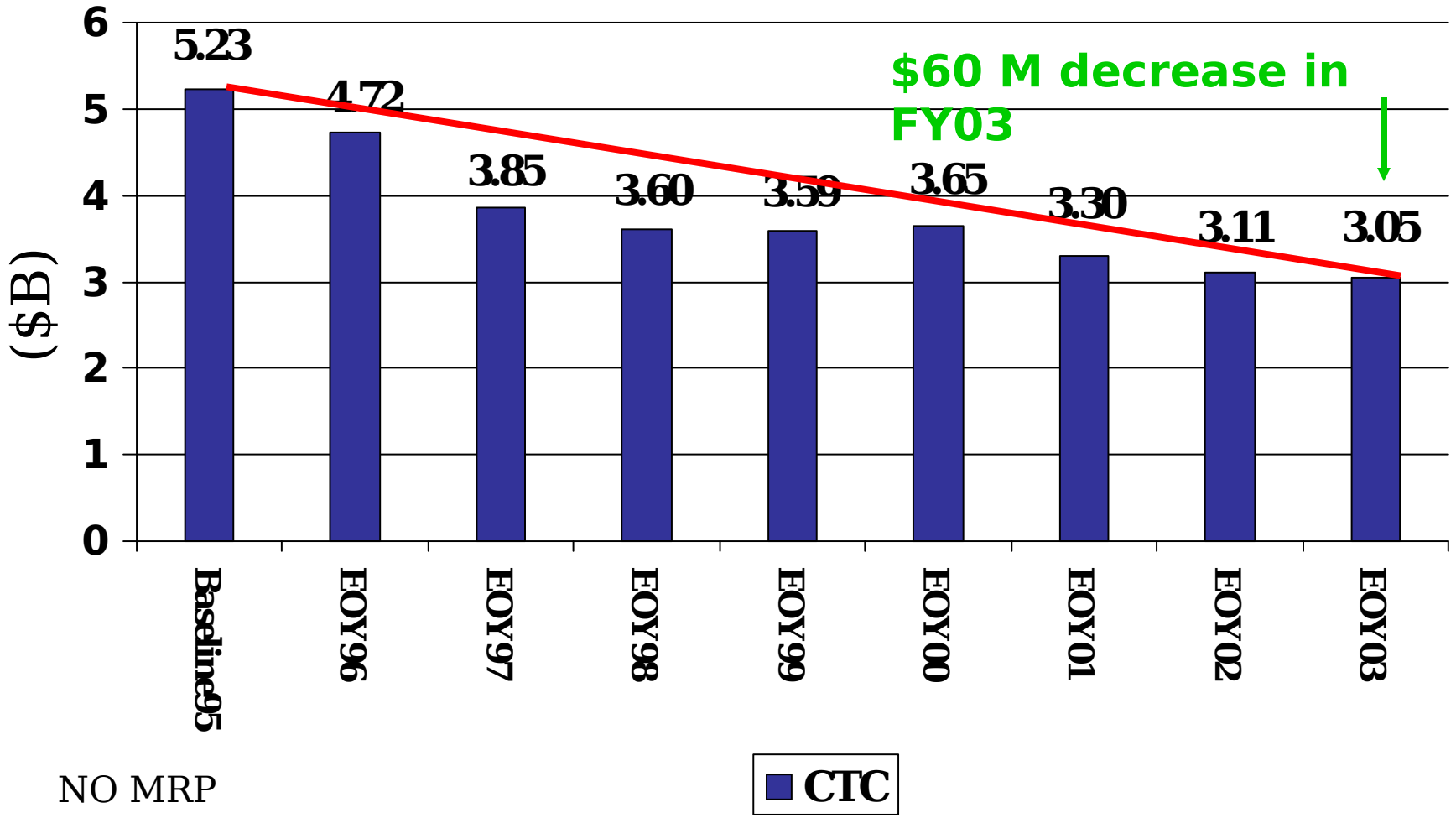
Total Number of Sites: 3688



NO UXO

COST TO COMPLETE

Active bases



NO MRP

Munitions Response Program (MRP)

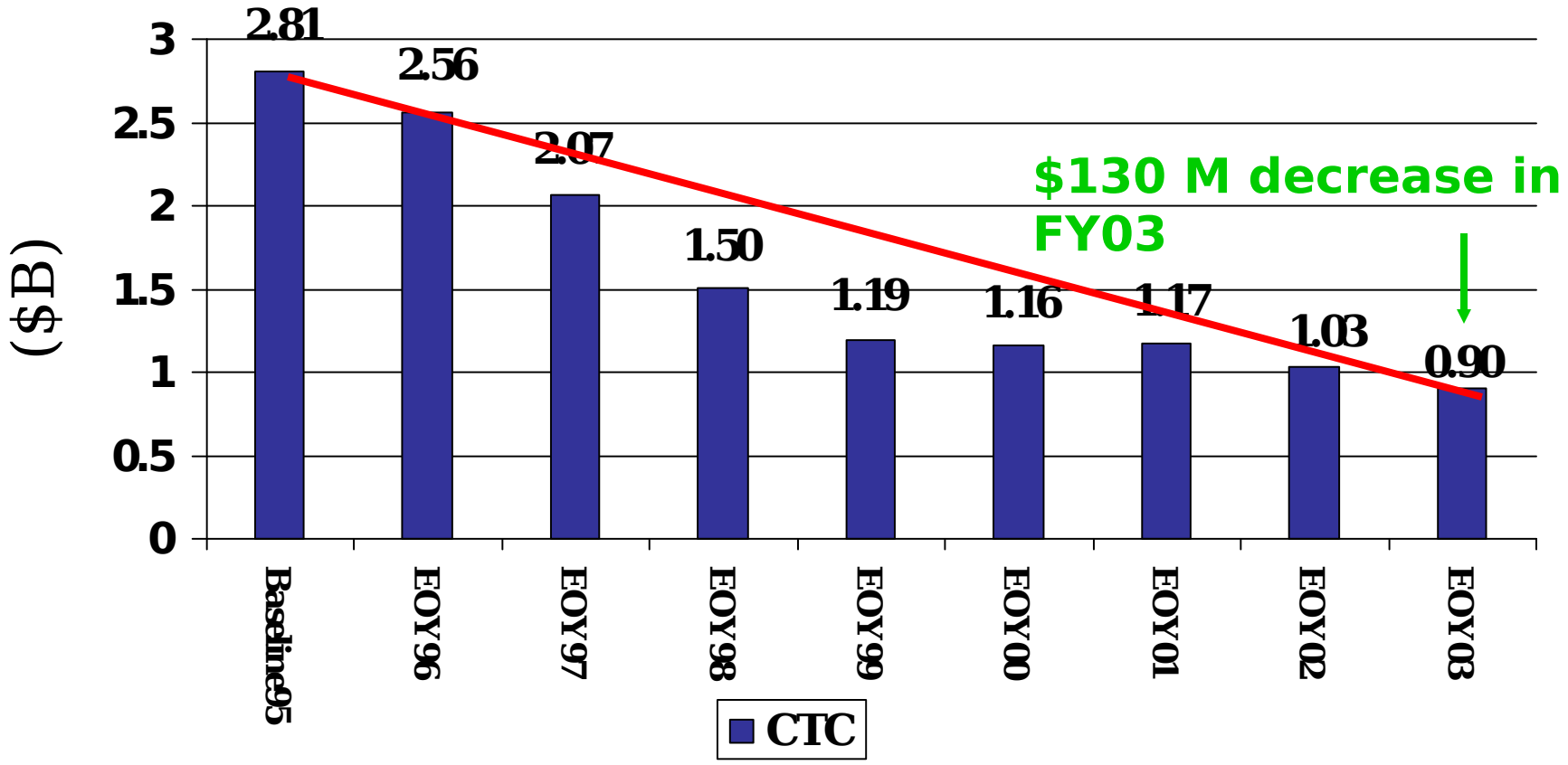
- **Two comprehensive range inventories done**
  - Web-based data availability
  - Coordination/verification with States/Tribes
  - 369 Operational ranges
  - 217 Other than operational ranges
- **PAs/SIs underway**
- **More funding to be programmed as PA/SIs are completed**

BRAC Program Status

- **Scorecard**
  - Installations disposed with no remaining cleanup: 58 (includes Guam SRF)
  - Installations disposed with remaining cleanup: 13
  - Installations not disposed: 23
- **Recent Successes**
  - MCAS Tustin sale
  - Key West sale
  - Adak transfer – 71,200 acres

COST TO COMPLETE

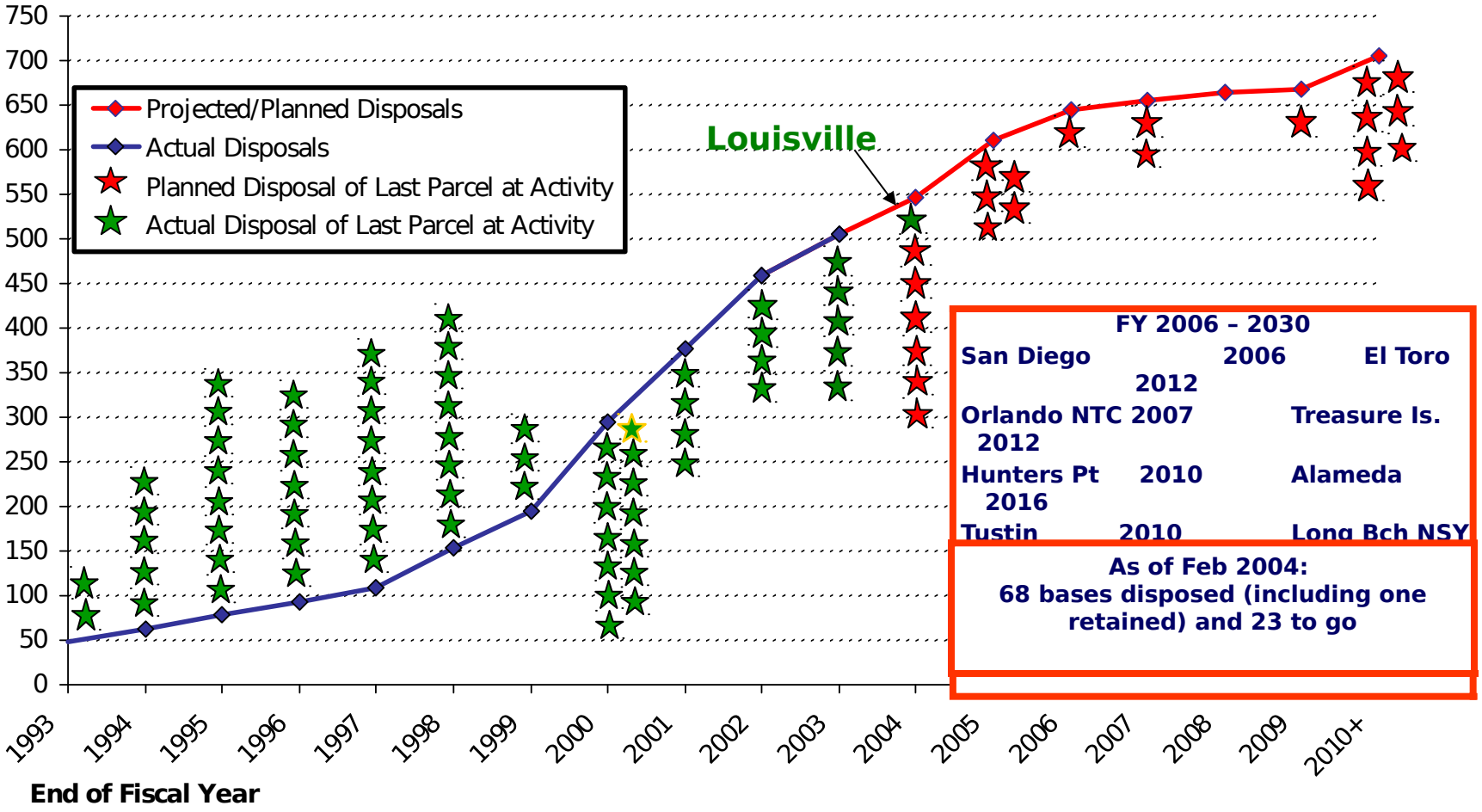
BRAC Bases



Includes MRP

BRAC Parcel Disposal

Cumulative Parcels Disposed and Retained



FY 2006 – 2030

San Diego	2006	El Toro 2012
Orlando NTC	2007	Treasure Is. 2012
Hunters Pt	2010	Alameda 2016
Tustin	2010	Long Bch NSY

As of Feb 2004:
68 bases disposed (including one retained) and 23 to go

Environmental Compliance

- **Status**
  - New NOVs down
  - Open NOVs down
- **Emphasis Areas**
  - Environmental Management Systems
  - Target: EMSs in place at designated bases by end of FY05
  - Replace/upgrade aging wastewater systems
    - privatization

Pollution Prevention (P2)

- **Status**
  - 75% reduction in hazardous waste
  - DoN is a leader in meeting AFV goals
- **Emphasis Areas**
  - Expand Use of Alternative Fuels particularly biodiesel and ethanol
  - Continue to purchase alternative and hybrid vehicles
  - Establish partnerships with states and auto companies to develop and test new technologies

Uniform National Discharge Standards (UNDS)

- **Section 312 of the Clean Water Act**
  - DoD & EPA to jointly establish UNDS for vessels of the Armed Forces.
- **Law establishes a 3 phase process**
  - Phase 1 Determine discharges needing control…done
  - Phase 2 Develop discharge standards… working
  - Phase 3 Develop implementation plan…future

Natural Resources Management

- **Status**
  - DON manages over 2 million acres of land
  - More than 200,000 acres of wetlands surveyed
  - Over 250,000 acres managed for commercial Forest Resources
  - 200,000 Acres Leased for Agriculture/Grazing
  - Over 150 Endangered Species on 90 Installations
- **Emphasis**
  - Upgrading & implementing INRMPs at 96 Installations

Transforming the
Environmental Process
for BRAC 05

Why BRAC?

- **Forces restructured & downsized**
  - Navy…500 ships to 300 ships
- **Infrastructure needs to be proportional**
- **Savings of first four rounds**
  - $17 B through 2001
  - $7 B recurring thereafter

The Past….

- **Government driven, process oriented**
- **DoD gives away property…EDCs, etc.**
- **DoD cleans up property for recipient**
- **Troublesome Fed-to-Fed transfers**
- **Much self-induced process**

The Future…

- **Market driven, business oriented**
- **Sell property…proceeds fuel BRAC**
  - Sell “as-is” w/Environmental Condition of Property (ECP)
  - Cleanup finished by new owner/developer
  - Integrates cleanup/redevelopment
- **Minimize Fed-to-Fed transfers**
- **Less process…revamp DoD policies**

OUR VISION

To be a leader in environmental protection among federal agencies and world military forces.